

## **SQUARE D COMPANY**

**(Cedar Rapids, Iowa)**

### **GENERAL DESCRIPTION**

The Square D Company occupies 25 acres in the NE 1/4 of the SE 1/4 of Section 5, T82N, R7W, at 3700 Sixth Street S.W. Cedar Rapids, Linn County, Iowa and is owned by the Square D Company. The site was entered on the Registry in March 1992. The Square D Company has occupied the site since 1954. The company manufactures electrical breakers. The manufacturing processes include metal plating operations and degreasing activities.

### **SITE CLASSIFICATION**

**In 2001 classification of this site is revised to "d" Site Properly Closed, Requires Continued Management.**

### **TYPE AND QUANTITY OF HAZARDOUS WASTE**

Groundwater sampling conducted at the site indicates several organic contaminants are present. 1,1,1-Trichloroethane at 40 mg/l was initially identified at the site. Later sampling found tetrachloroethylene in all monitoring wells ranging from 2.1 mg/l to 85 mg/l. The groundwater contaminant plume appears to be localized beneath the Square D facility. TCE in shallow ground water peaked in 1993 at 312 ug/L and in deep ground water in 2000 at 387 ug/L and has been gradually declining.

### **SUMMARY OF PUBLIC HEALTH AND ENVIRONMENTAL CONCERNS**

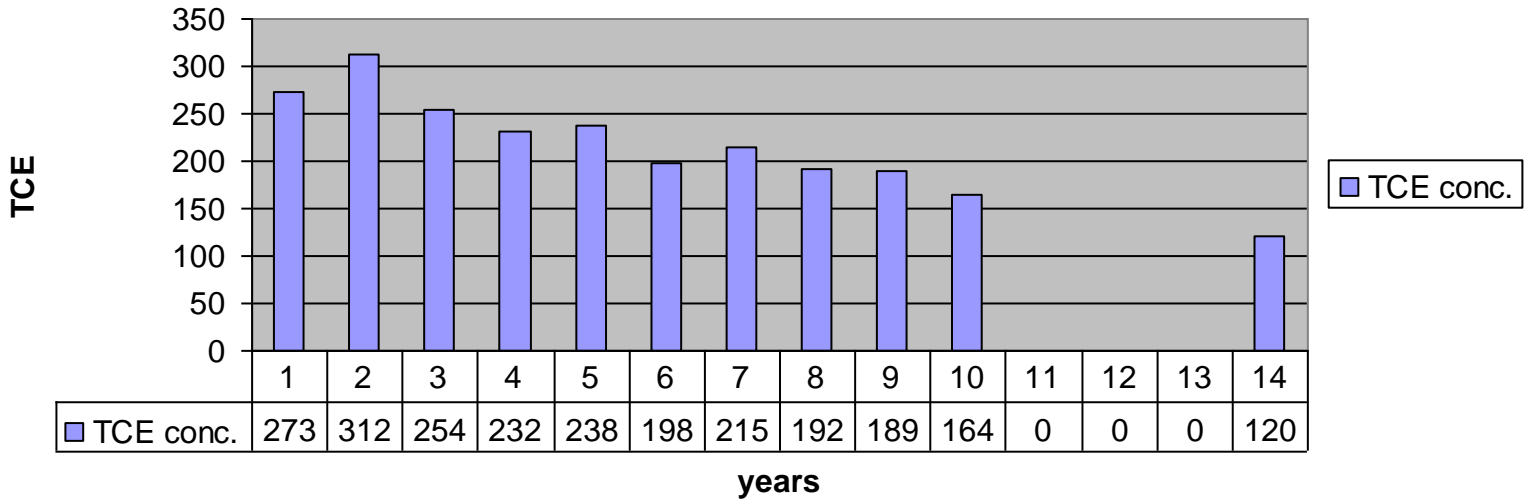
The site is located within the city limits of Cedar Rapids. The city obtains its water from 42 wells located in three different well fields. The closest city well field is approximately five miles north of the site. Prairie Creek is located approximately 2,500 feet southeast of the site. The creek flows northeast to the Cedar River.

### **SUMMARY OF ASSESSMENT, MONITORING OR REMEDIAL ACTIONS**

The IDNR is the lead agency of the site. Groundwater monitoring has been conducted since 1992. A five-year monitoring plan began in 2005 to determine if natural attenuation remedy would be acceptable.

The 2005 monitoring report indicates ground water contamination as TCE and breakdown products is stable and limited in lateral and vertical extent. Long term monitoring natural attenuation is being conducted with five-year review scheduled for 2010.

### MW 21 shallow ground water



### mw22 deep ground water

